

TRANSMITTAL  
FORM

Application Serial Number	10/584,373
Filing Date	June 23, 2006
First Named Inventor	Larsen
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	WYE-107
Patent No.	Not applicable
Issue Date	Not applicable

## ENCLOSURES (check all that apply)

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input checked="" type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><br><input type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson<br>including Drawings<br>[Total Sheets ____]<br><br><input type="checkbox"/> Petition for Extension of Time<br><br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Form PTO-1449<br><input type="checkbox"/> Copies of IDS Citations<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application<br><br><input type="checkbox"/> Formal Drawing(s)<br><br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><br><input type="checkbox"/> Terminal Disclaimer<br><br><input checked="" type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application (5 pgs.)<br><br><input type="checkbox"/> Small Entity Statement<br><br><input type="checkbox"/> CD(s) for large table or computer program (2 CDs)<br><br><input type="checkbox"/> Amendment After Allowance<br><br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><br><input type="checkbox"/> Appeal Brief (in triplicate)<br><br><input type="checkbox"/> Status Inquiry<br><br><input checked="" type="checkbox"/> Return Receipt Postcard<br><br><input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><br><input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below) <ul style="list-style-type: none"> <li>• Copy of Notification of Missing Requirements Under 35 USC 371 in the US Designated/Elected Office (DO/EO/US) (2 pgs.)</li> <li>• Response to Notification of Missing Requirements (1 pg.)</li> </ul> |
|---|---|---|

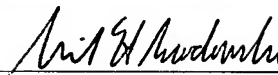
## CORRESPONDENCE ADDRESS

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Tel. No.: (617) 261-3100  
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## SIGNATURE BLOCK

Date: June 1, 2007  
Reg. No. 41,640  
Tel. No.: (617) 261-3113  
Fax No.: (617) 261-3175

Respectfully submitted,

  
Michael H. Brodowski  
Attorney for the Applicant  
Kirkpatrick & Lockhart Preston  
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6-4-07  
Express Mail

Mailing Label No. EV926974200US



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/584.373	Bjarne Due Larsen	WYE-107

INTERNATIONAL APPLICATION NO.	
PCT/GB04/05416	
I.A. FILING DATE	PRIORITY DATE
12/23/2004	12/23/2003

54623  
 KIRKPATRICK & LOCKHART PRESTON GATES ELLIS LLP  
 STATE STREET FINANCIAL CENTER  
 ONE LINCOLN STREET  
 BOSTON, MA 02111-2950

CONFIRMATION NO. 1289

371 FORMALITIES LETTER



\*OC000000023429695\*

COPY

Date Mailed: 04/18/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

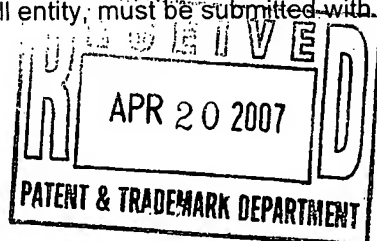
The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/23/2006
- Copy of the International Search Report filed on 06/23/2006
- Copy of IPE Report filed on 06/23/2006
- Preliminary Amendments filed on 06/23/2006
- Oath or Declaration filed on 06/23/2006
- Request for Immediate Examination filed on 06/23/2006
- U.S. Basic National Fees filed on 06/23/2006
- Priority Documents filed on 06/23/2006
- Power of Attorney filed on 04/02/2007

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
  - does not identify the application to which it is directed.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.



## SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

Additionally the following defects have been observed:

- The oath of declaration does not comply with 37 CFR 1.63 in that it:
  - does not identify the mailing address of each inventor. If the residence is different from the mailing address, then the city and state or city and foreign country of residence of each inventor must also be given.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/584,373	PCT/GB04/05416	WYE-107

# FEE TRANSMITTAL

## FY 2007

Complete if Known

Application Serial Number	10/584,373
Filing Date	June 23, 2006
First Named Inventor	Larsen
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket No.	WYE-107
Confirmation No.	Not yet assigned

**METHOD OF PAYMENT**

1. ☒ Payment Enclosed:  
☒ Check ☐ Money Order ☐ Other
2. ☒ The Commissioner is hereby authorized to credit or charge any fee indicated below for this submission to Deposit Account No. 50-1721.  
☐ Required Fees (copy of this sheet enclosed).  
☒ Additional fee required under 37 CFR 1.16 and 1.17.  
☒ Overpayment Credit.
3. ☐ Applicant claims small entity status.

**FEE CALCULATION****1. FILING/SEARCH/EXAM/SIZE FEES****Large Entity**

Fee (\$)	Fee Description	Fee Paid
300	Utility filing fee	
500	Utility search fee	
200	Utility exam fee	
250	Utility size fee (each add'l 50 pgs. over 100)	
200	Design filing fee	
100	Design search fee	
130	Design exam fee	
250	Design size fee (each add'l 50 pgs. over 100)	

	Number Filed	Number Extra	Rate	Amount
Total Claims	20	- 18 =	\$ 50.00 =	0.00

	Number	Number	Rate	Amount
Independent Claims	3	- 3 = 0	x \$200.00 =	0.00

☐ Multiple Dependent Claim(s), if any \$360.00 = 0.00  
**TOTAL:** 0.00

**SMALL ENTITY DISCOUNT:****SUBTOTAL (1)** (\$)  
0.00**2. AMENDMENT CLAIM FEES**

Claims Remaining After Amend.	Highest No. Previously Paid For	Present Extra	Rate	Fee Paid
Total	-	=	x \$ 50.00 =	
Indep.	-	=	x \$200.00 =	
<input type="checkbox"/> First Presentation of Multiple Dep. Claim + \$360.00 =				

**TOTAL:** (\$)  
**SMALL ENTITY DISCOUNT:** (\$)

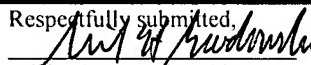
**SUBTOTAL (2)** (\$)  
0.00**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
130	65	Surcharge - late filing fee or oath	130.00
50	25	Surcharge - late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	Request for ex parte reexamination	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1020	510	Extension for reply within third month	
1590	795	Extension for reply within fourth month	
2160	1080	Extension for reply within fifth month	
500	250	Notice of Appeal	
500	250	Filing a brief in support of an appeal	
1000	500	Request for oral hearing	
400	400	Petitions to the Commissioner (Gp. I)	
200	200	Petitions to the Commissioner (Gp. II)	
130	130	Petitions to the Commissioner (Gp. III)	
180	180	Submission of Information Disclosure Statement	
790	395	Filing a submission after final rejection (37 CFR 1.129(a))	
790	395	For each additional invention to be examined (37 CFR 1.129(b))	
100	100	Certificate of Correction for applicant's error	
130	65	Submission of Terminal Disclaimer	
Other fee (Specify)		Petition to Accept Color Figures Under 37 C.F.R. §§ 1.84(a)(2) and 1.84(b)(2)	
Other fee (Specify)		Assignment recordation fee	

**SUBTOTAL (3)** (\$)  
130.00**SUBTOTAL (1)** 0.00**SUBTOTAL (2)** 0.00**SUBTOTAL (3)** 130.00**TOTAL** (\$)  
130.00**CORRESPONDENCE ADDRESS**

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 One Lincoln Street  
 Boston, MA 02111-2950  
 Tel. No.: (617) 261-3100  
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**SIGNATURE BLOCK**

Respectfully submitted,  
  
 Date: June 1, 2007  
 Reg. No.: 41,640  
 Tel. No.: (617) 261-3113  
 Fax No.: (617) 261-3175  
 Michael H. Brodowski  
 Attorney for the Applicant(s)  
 Kirkpatrick & Lockhart Preston  
 Gates Ellis LLP  
 State Street Financial Center  
 One Lincoln Street  
 Boston, MA 02111-2950

PATENT  
Attorney Docket No. WYE-107

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S):       Larsen                               CONFIRMATION NO.:       1289  
APPLICATION NO.:   10/584,373                       GROUP NO.:               Not yet assigned  
FILING DATE:       June 23, 2006                   EXAMINER:               Not yet assigned  
TITLE:               ISOPEPTIDE GAP JUNCTION MODULATORS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.  
371 IN THE U.S. DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Sir:

This paper is responsive to the enclosed copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the U.S. Designated/Elected Office (DO/EO/US) mailed from the U.S. Patent and Trademark Office on April 18, 2007, for the above-identified patent application.

Applicant encloses the original Combined Declaration and Power of Attorney executed by the inventor in compliance with 37 C.F.R. 1.497(a) and (b), and 1.492(h) as required by the Notification and a check in the amount of \$130.00 to cover the surcharge.

Applicant believes no other fees are due with the submission of this paper. Should Applicant be in error, the Director is authorized to charge any required fee for this submission to Deposit Account No. 50-1721.

The Patent Office is invited to contact the undersigned to discuss any issues relating to this paper or the application.

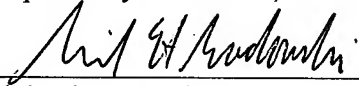
06/06/2007 MKAYPAGH 00000112 10584373

01 FC:1617                               130.00 OP

Date: June 1, 2007  
Reg. No. 41,640

Tel. No.: (617) 261-3113  
Fax No.: (617) 261-3175

Respectfully submitted,

  
\_\_\_\_\_  
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